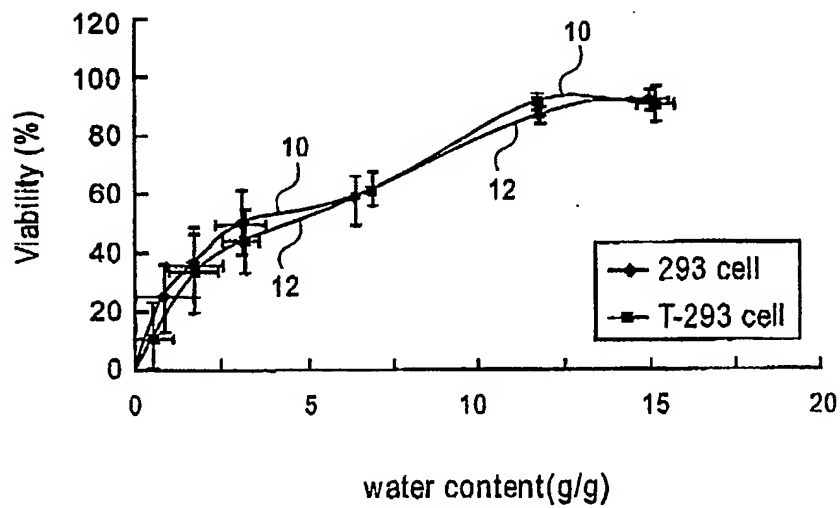


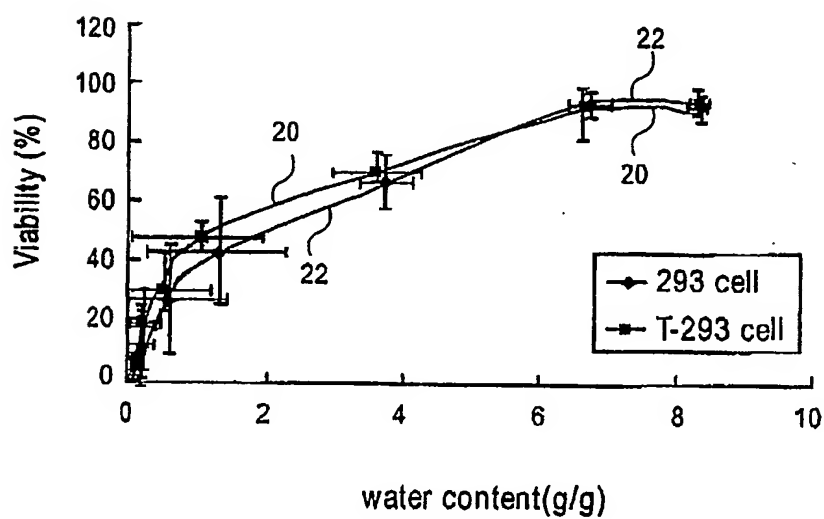
1/10

**Viability of 293 cells at different water contents
(no trehalose inside or outside)**

**FIG. 1**

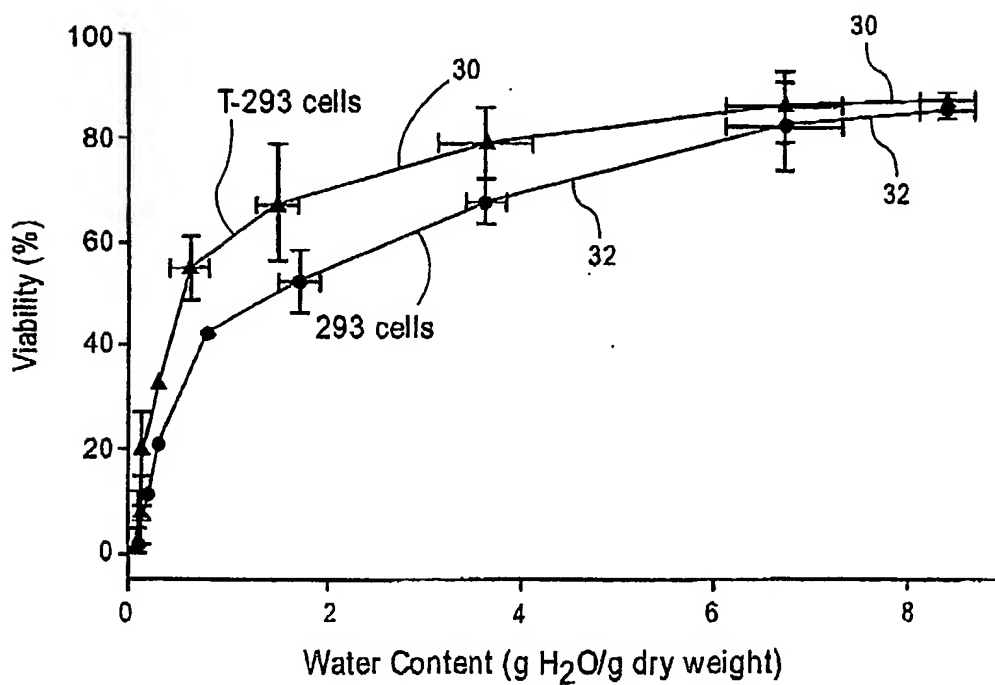
2/10

**Viability of 293 cells at different water contents
(no trehalose inside, 150 mM trehalose outside)**

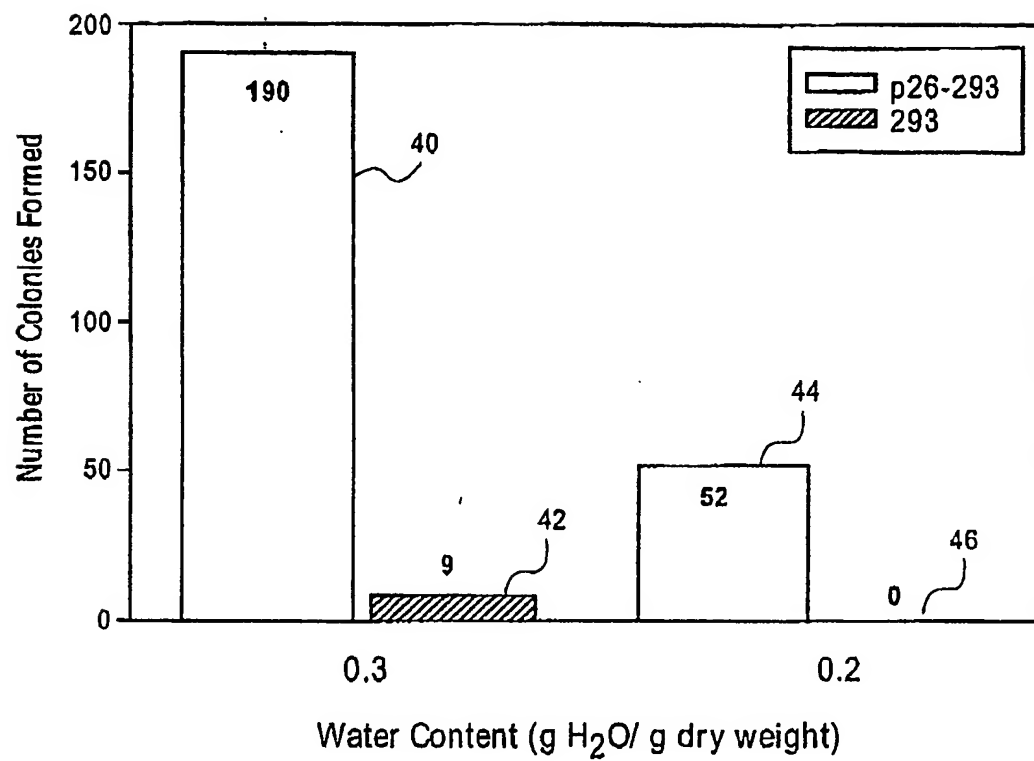
**FIG. 2**

3/10

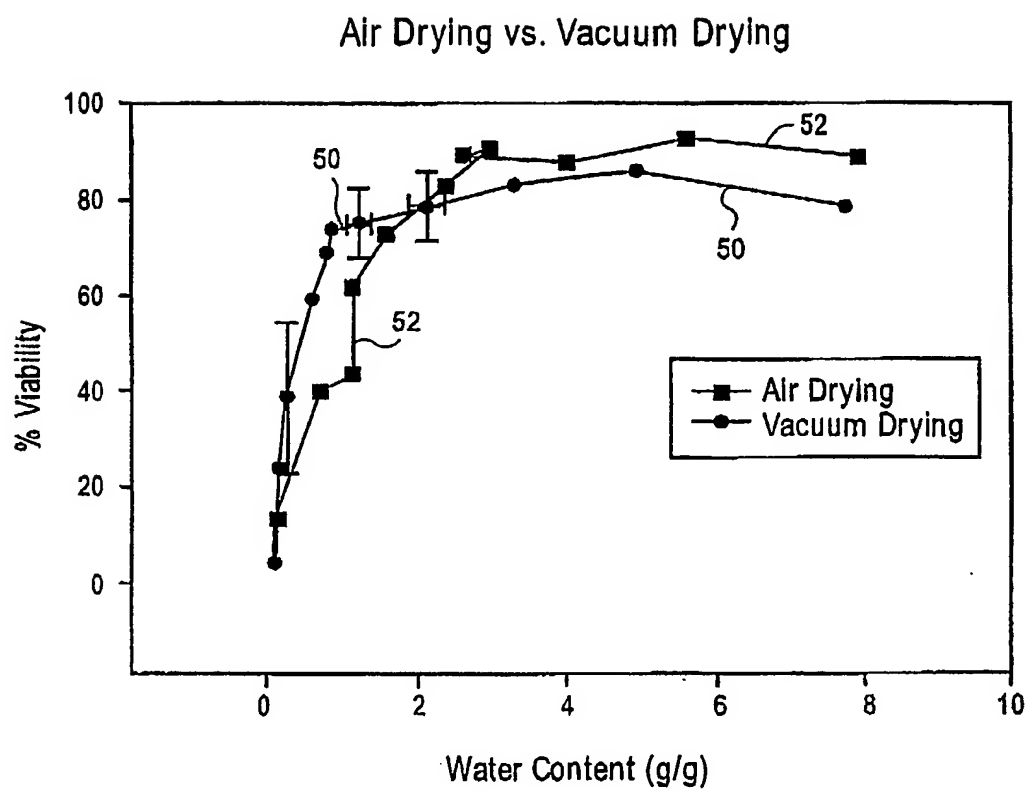
**Viability of 293 Cells During Drying
+/- Transfection with p26
Trehalose Inside and Outside**

**FIG. 3**

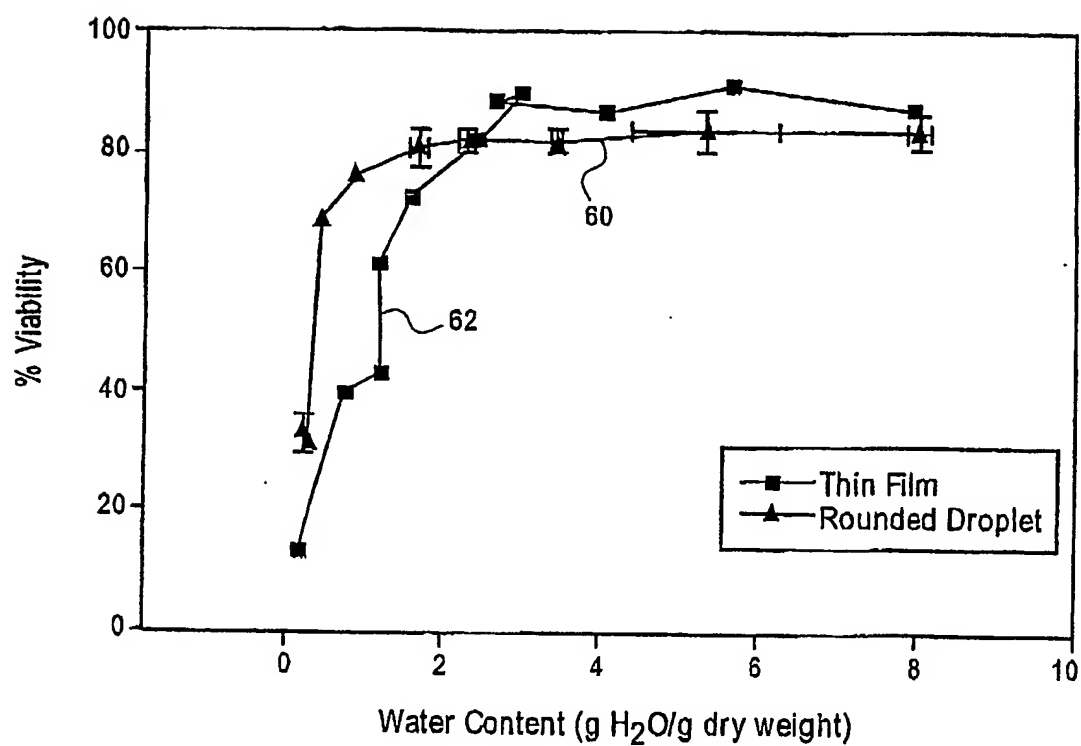
4/10

**FIG. 4**

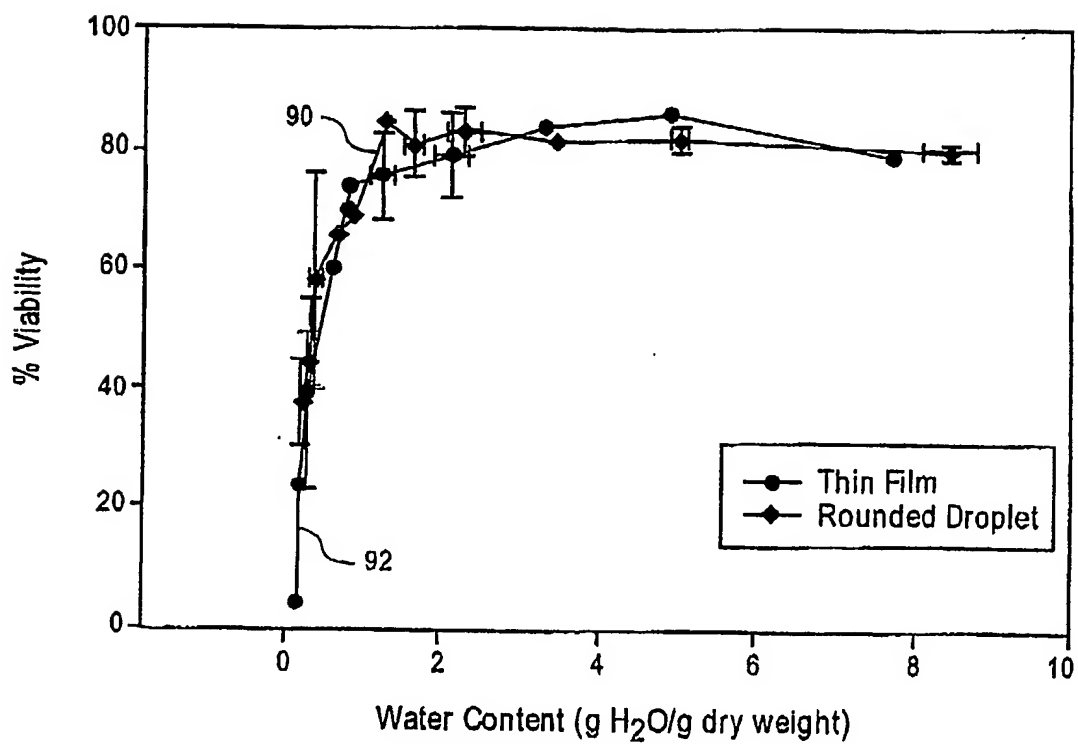
5/10

**FIG. 5**

6/10

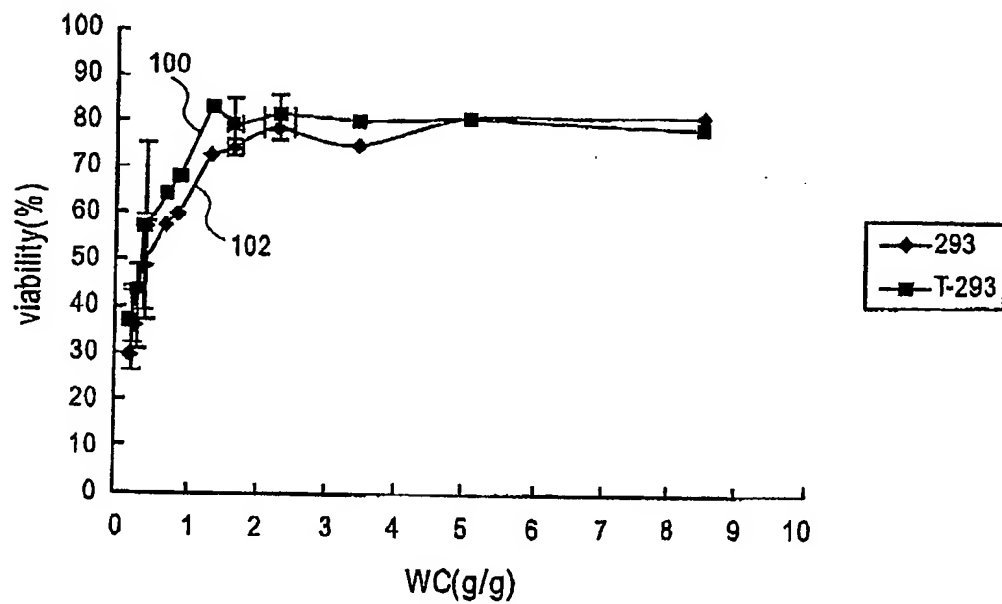
**FIG. 6**

7/10

**FIG. 7**

8/10

the viability of cell under vacuum-drying
(50uL bead, loaded with 100 mM trehalose, three times)

**FIG. 8**

9/10

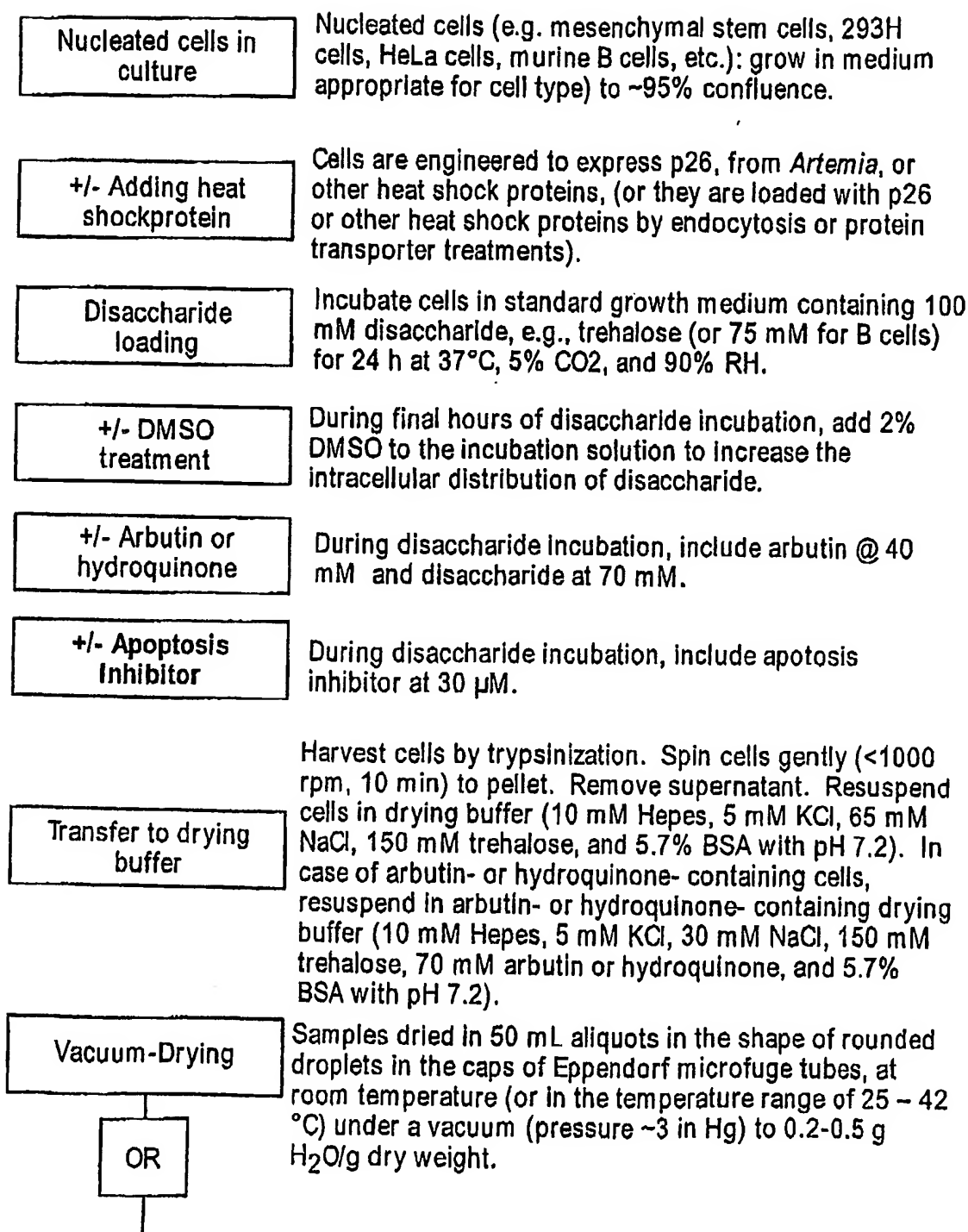
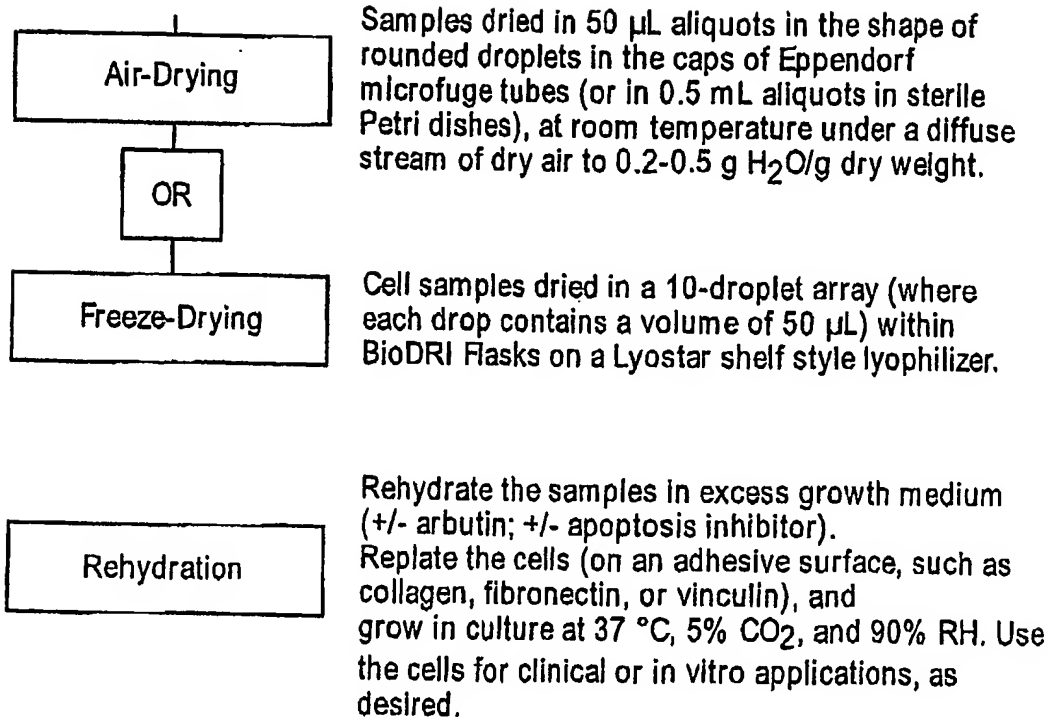


FIG. 9A

10/10

**FIG. 9B**